

FIG. 1

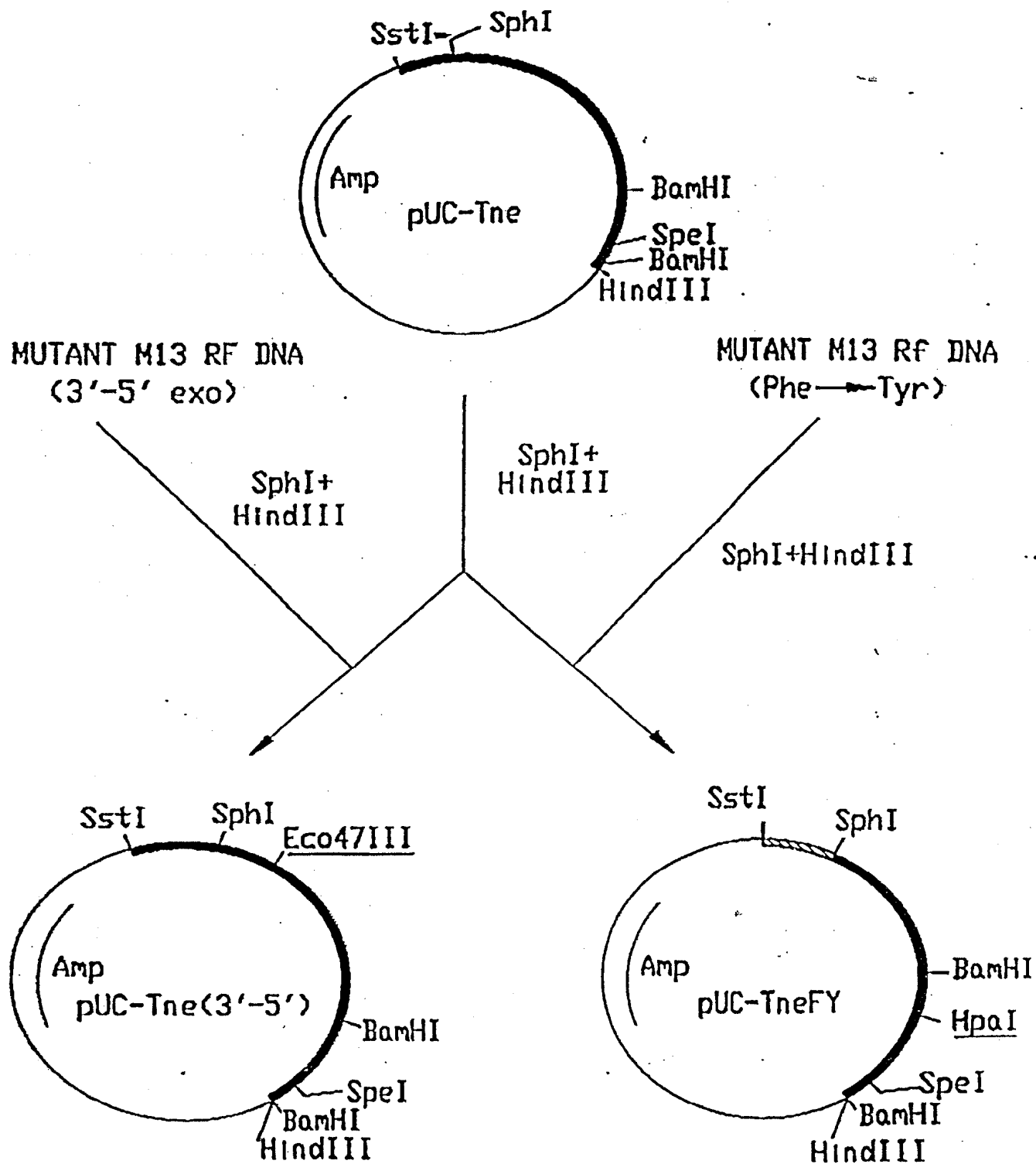


FIG.2.A

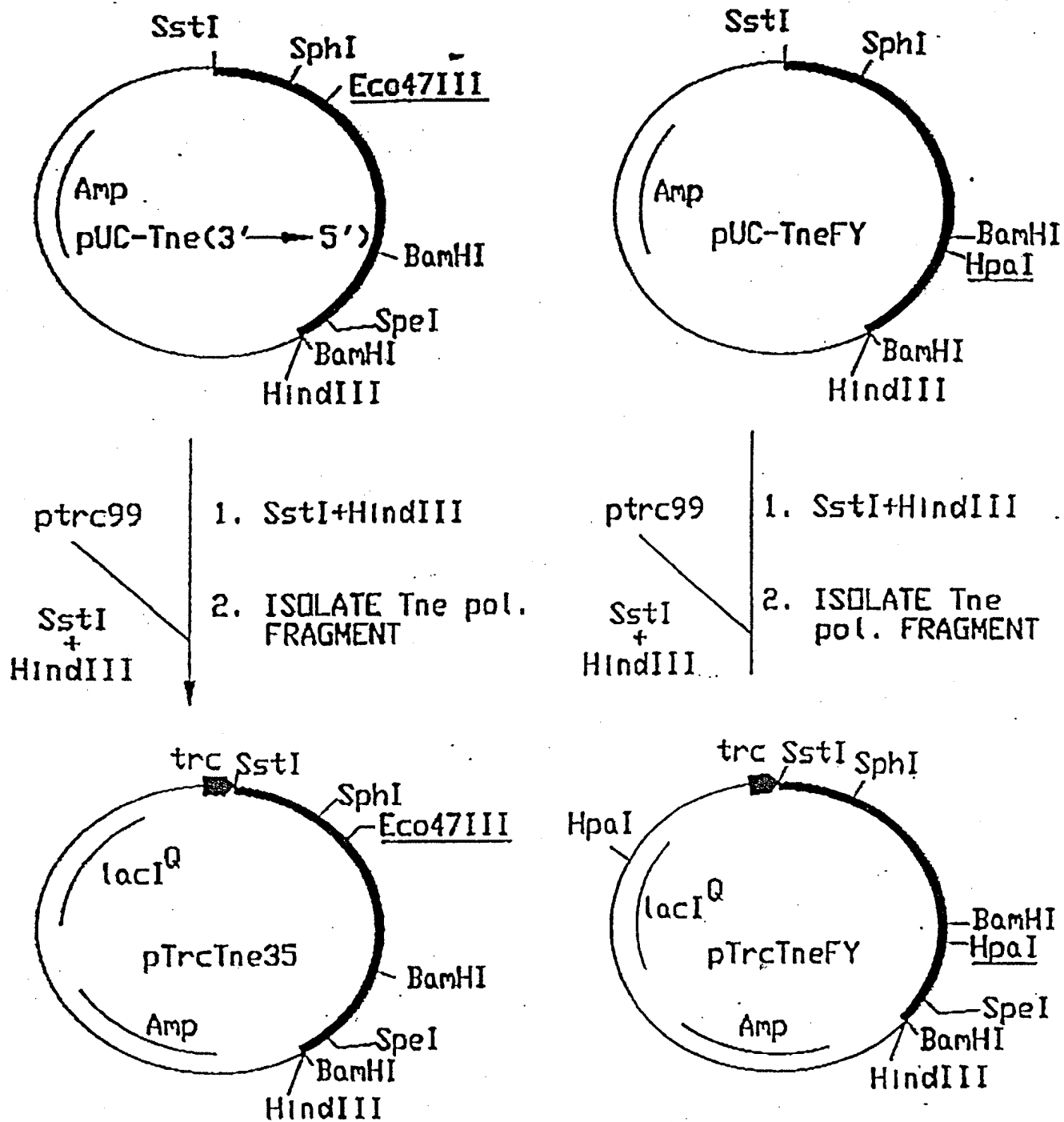


FIG. 2B

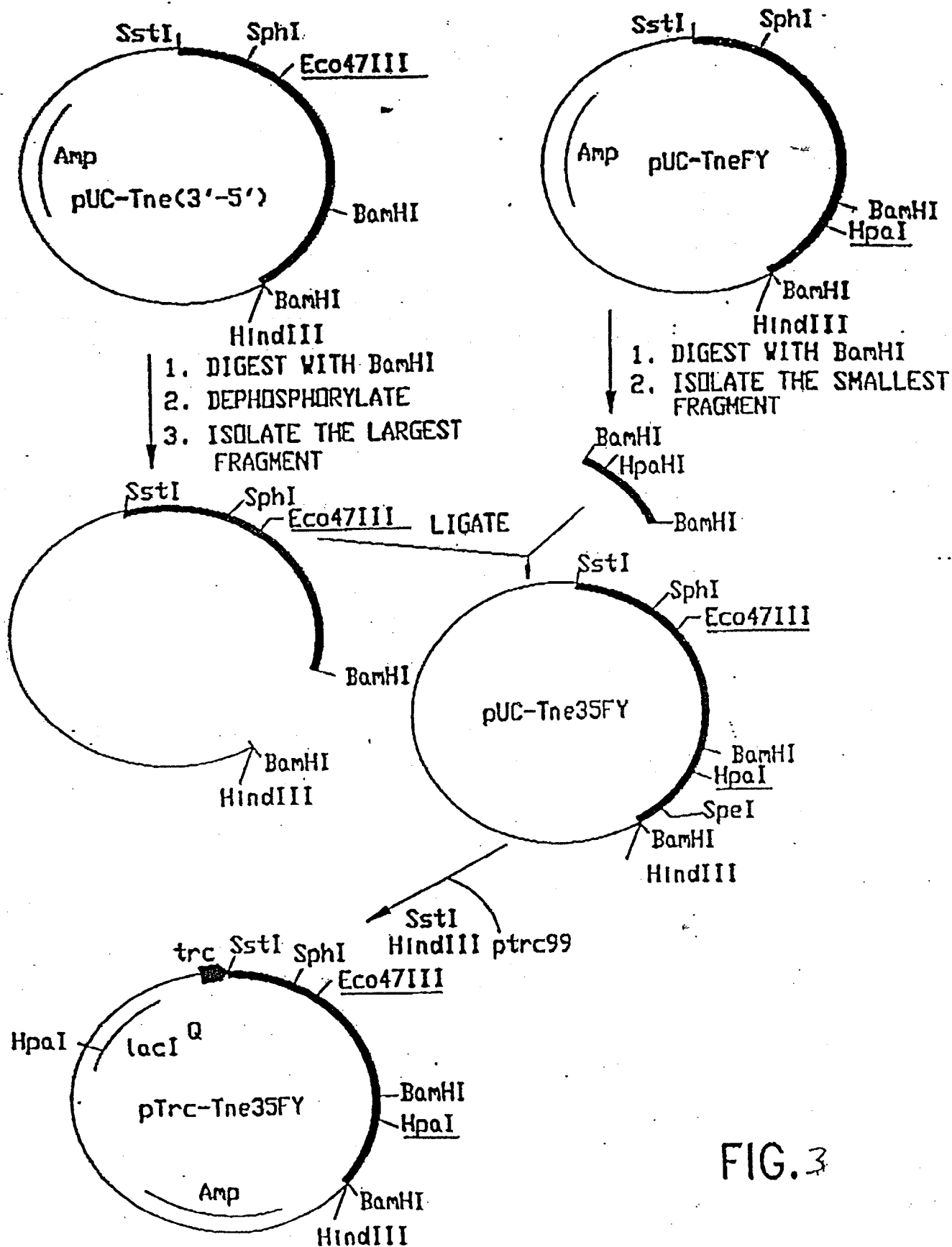
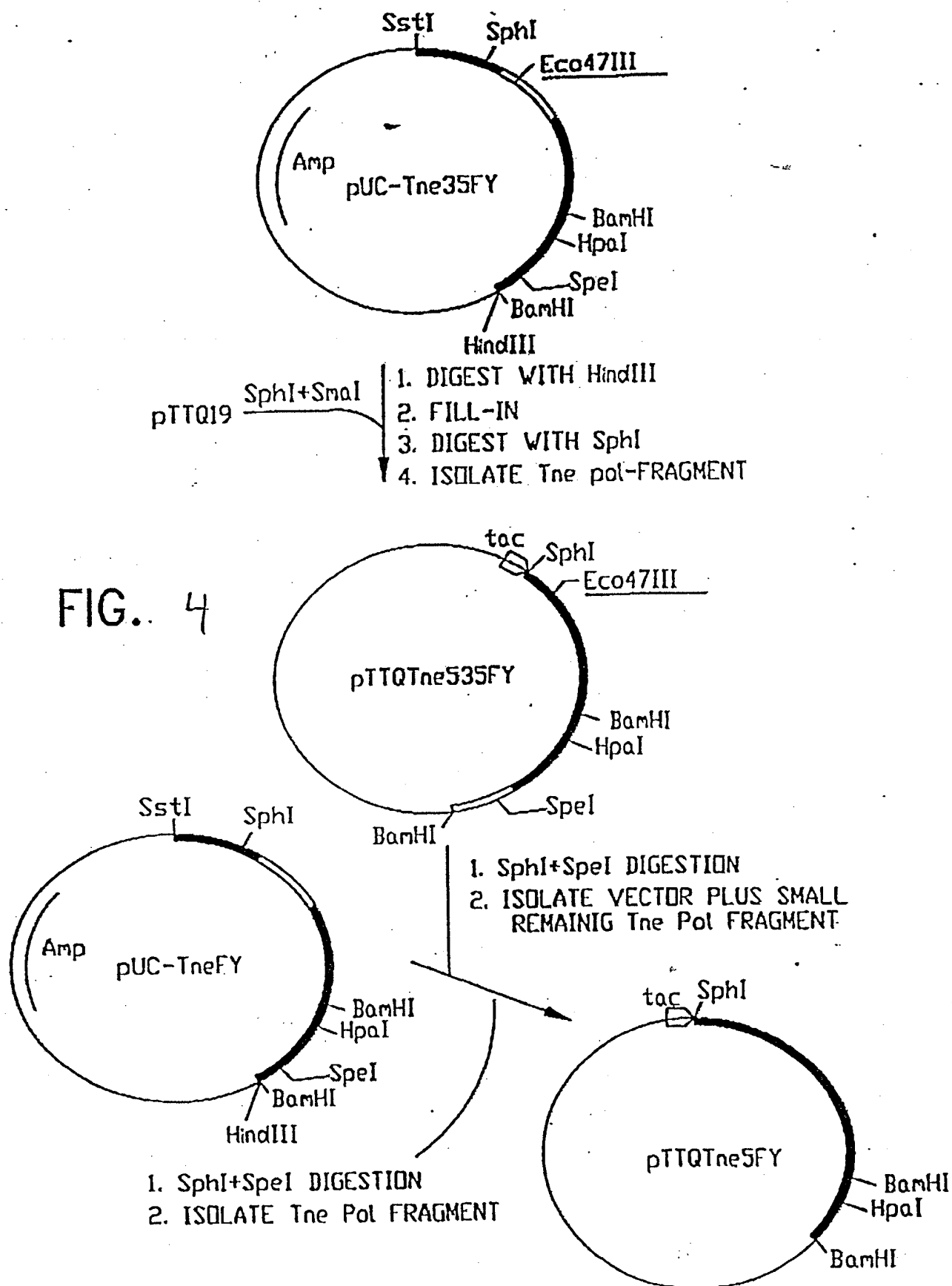
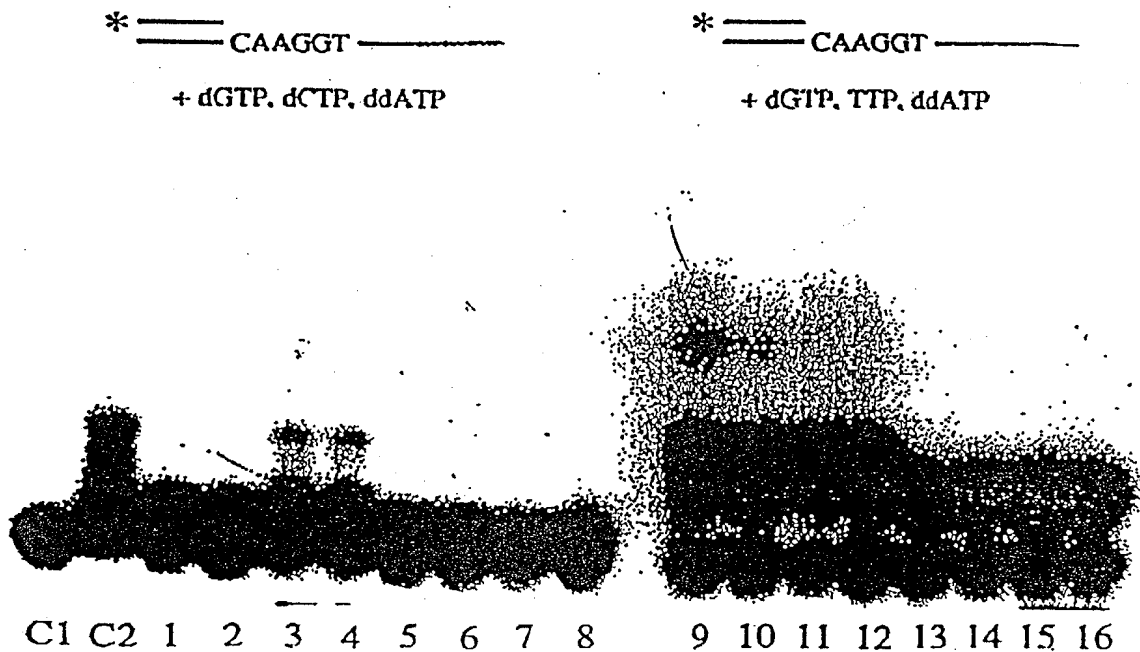


FIG. 3





C1 Primer alone
 C2 Reaction with dGTP, dCTP, TTP, ddATP and Tne DNA Polymerase (D137A, D323A, I730Y)
 1,2:9,10 Taq DNA Polymerase
 3,4:11,12 Tne DNA Polymerase (D137A, D323A)
 5,6:13,14 Tne DNA Polymerase (D137A, D323A, R722Y)
 7,8:15,16 Tne DNA Polymerase (D137A, D323A, R722L)

Figure 5

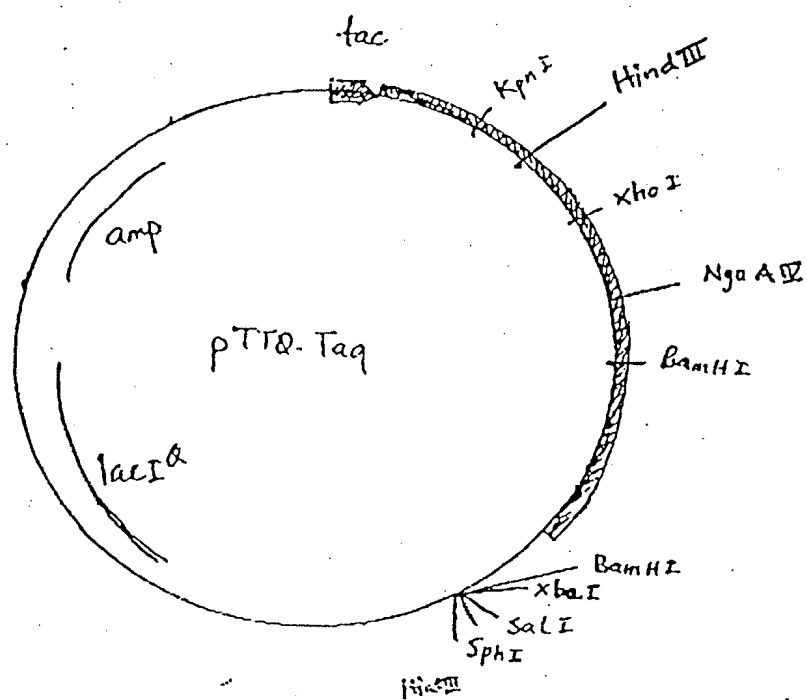


Fig. 6